	Exhibi	t P-40, Budget	Item Justific	cation Sheet			Date:		February 2004		
Appropriation / Budget Activity/	/Serial No:				P-1 Item Nomencla	ture:	_				
Procurement, Marine Corps (17	109) / Communications and Electroni	cs Equipment (4)					LONG	RANGE RADAR S	YSTEM		
Program Elements:			Code:	Other Related Prog	ram Elements:						
0206118M Tactical A	Air Control Systems (Marine Corps)		А								
	Prior Years*		FY 2003*	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty											
Gross Cost	16.5		0.0	18.1	24.5	7.5	11.9	38.9	50.6	0.0	168.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc (P-1)	16.5		0.0	18.1	24.5	7.5	11.9	38.9	50.6	0.0	168.0
Initial Spares	0.0		0.0	1.9	1.0	1.3	0.7	1.6	2.2	0.0	8.8
Total Proc Cost	16.5		0.0	20.0	25.5	8.8	12.6	40.6	52.8	0.0	176.8
Flyaway U/C											
Wpn Sys Proc U/C											

The AN/TPS-59 funding profile includes radar modifications which improve mean time between failure rates and enhanced performance characteristics and upgrades obsolete/Diminishing Manufacturing Resources. The AN/TPS-59 radar upgrade provides three-dimensional long range surveillance and detection against air-breathing targets and theater ballistic missiles. It provides launch/impact point and cueing information to other theater missile defense systems. The new mobility antenna will greatly reduce the footprint of the system allowing a more versatile role in expeditionary warfare.

The AN/TPS-59 radar program is following a two-phased acquisition approach, including both sustainment and modernization efforts. The sustainment initiative will address operational equipment readiness deficiencies by refurbishing and sustaining 5 of the 11 current systems. The sustainment effort will allow 3 active (1 per MEF), 1 supporting and 1 reserve unit to have a system with current technology, while improving equipment readiness, extending the overall system life cycle, and reducing the radars' overall operating cost. The remaining 6 radars will transition during the modernization effort. PMC funding for the modernization Highly Expeditionary Long Range Air Surveillance Radar (HELRASR) initiative will begin in FY08.

\*Prior to FY04, funding for AN/TPS-59 was under the roll-up line Modification Kits MAGTF C4I BLI 463600.

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Bu Procuremen			nunications and Elec		P-1 Line Item Not LONG RAI	menclature: NGE RADAR SYS	TEM	Weapon System	Туре:	Date: Feb	ruary 2004
Weapon System	ID			Equipment (4)		FY 03			FY 04			FY 05	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
OOST EIGHIGHTS	_	\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
AN/TPS-59 Sustainment Transmitters Radar Environmental Simulator Receiver Power supply Integrated Logistics support 1860 Processor replacement				•			·	8471 3996 2214 3396	108 108 54	37000 41000	8535 4090 3996	108 3 108 54	79028 1363333 37000 41000
TOTAL ACTIVE RESERVE								18077 17460 617			24466 23446 1020		

Exhibit P-5, Weapon		Appropriation/ Bu	-		nunications and Ele	etronics	P-1 Line Item Nor	nenciature: NGE RADAR SYS	TEM	Weapon System	ıype.	Date:	
WPN SYST Cost Analysis		1 Tocarement		Equipment (4)	idilications and Ele		LONGINA	VOL KADAK OTO					uary 2004
Weapon System	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCos
N/TPS-59 Sustainment		\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
ransmitters		4284	54	79333	2882	34	84765						
Receiver		1947	54	36056	1563	41	38122						
ower supply		1230	30		788	20	39400						
ode 5/S İFF Upgrade					6700		152273						
N/TPS-59 Modernization (HELRASR)													
adar Antenna								35574	2	17787000	50564	3	16814
egrated Logistics Support								659					
aining								1800					
st Equipment								900					
ot Equipment								300					
OTAL		7461			11933			38933			50564		
CTIVE		7461			10717			37548			49027		
SERVE					1216								

								Date:		
	it P-5a, Budget Procurement								February 2	2004
Appropriation / Budget Activity/Serial No:  Procurement, Marine Corps (1109) / Communication	one and Floctronics Equipment (4)	Weapon Syste	em Type:		P-1 Line Item		e: NG RANGE RADAF	OVOTEM		
		Contract	1	<u> </u>			Ī	Specs	Date	RFP Issue
WBS Cost Elements:	Contractor and Location	Method	Location of PCO	Award Date	Date of First	QTY	Unit Cost	Avail?	Revsn	Date
Fiscal Years		and Type			Delivery	Each	\$		Avail	
AN/TPS-59										
Transmitters FY 04	Lockheed Martin Corp, Syracuse	FEP/CPE	MARCORSYSCOM	Nov-03	Sep-04	108	78435	Yes	N/A	N/A
FY 05	Lockheed Martin Corp, Syracuse		MARCORSYSCOM	Nov-04	Sep-04	108	79028	Yes	N/A	N/A
33	Zoomicou maran Corp, Cyracus	,		1107 01	000 00		. 5525			1 4// (
DEMARKS.	<del> </del>									
REMARKS: Contract for FY 04 and 05 has alread	dy been exercised.									

Evhibit D 20	Doguiro	monto Ctudy	Approriation/Budge	t Activity/Serial No:				Date:		
Exhibit P-20,	Require	nents Study	Procur	ement, Marine Corps	(1109) / Communications	and Electronics Equi	pment (4)		February 2004	
P-1 Line Item Nomenclat	ure (Include DC	DDIC for Ammunition Items)	:	Admin Leadtime (a	fter Oct 1):			Prod Leadtime:		
	LON	G RANGE RADAR SYSTE	M		2 MOI	NTHS			10 MONTHS	
<b>Line Descriptions</b>	:	AN/TPS-59 Transmitt	ers	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Buy Summary					108	108	54	34		
Unit Cost					78.4	79.0	79.7	85.3		
Total Cost					8471.0	8535.0	4303.0	2900.0		
Asset Dynamics										
Beginning Asse	t Position				28	46	163	271	318	36
Deliveries from:	i.	FY 2004 Funding	g		18	90				
Deliveries from:		FY 2005 Funding	g			27	81			
Deliveries from:		FY 2006 Funding	g				27	20		
Deliveries from	Subsequen	t Years Funds						27	43	
Other Gains										
Combat Losses	i									
Training Losses	;									
Test Losses										
Other Losses										
Disposals/Retire	ements/Attri	tions								
End of Year Ass	set Position				46	163	271	318	361	36
Inventory Objective	or Current	Authorized Allowand	ce							
Inventory Obj	ective	Actual Train	ing Other th	an Training	Dispo	sals	Vehicles Eligible	)	Aircraft:	
361	,	Expenditure	-	lsage	(Vehicle		for Replacemen		TOAI	
Assets Rqd for		thru	thru		thru	·			PAA:	
Combat Loads:		FY XXXX	FY XXXX	1	FY XXXX		FY 2004		TAI	
WRM Rqmt:		FY XXXX	FY XXXX		FY XXXX		FY 2005		Attrition Res	
Pipeline:		FY XXXX	FY XXXX		FY XXXX		Augment		BAI	
Other:		FY XXXX	FY XXXX		FY XXXX				Inactive Inv	
Total:							=		Storage	

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